

UN160A5-EU Specifications



STANDARD FEATURES

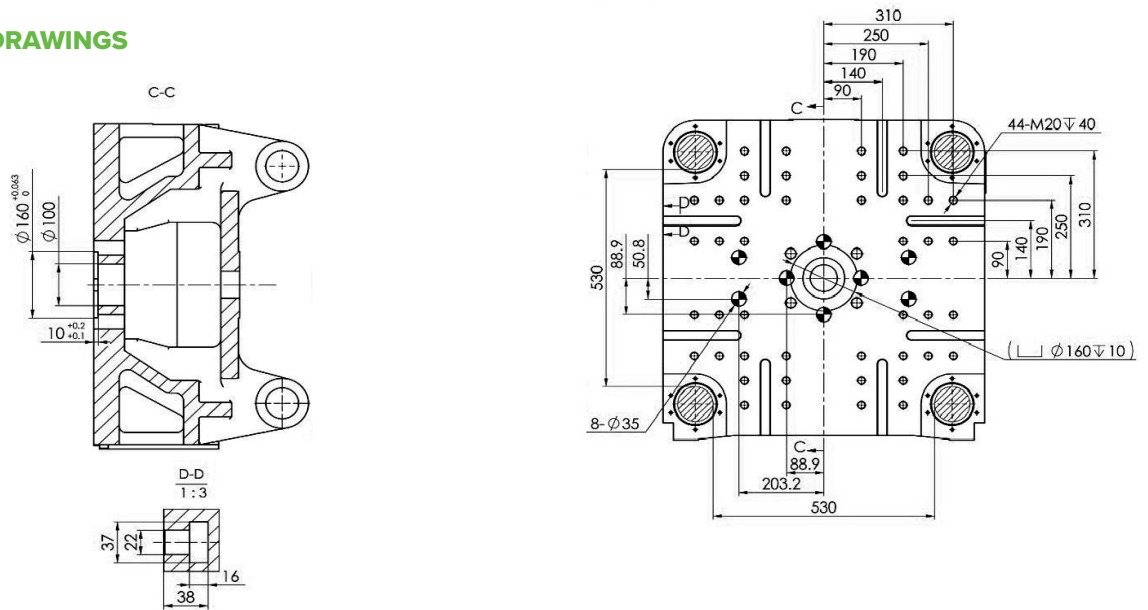
- World famous Austrian made KEBA 1075 Microprocessor control
- Control of oil temperature from the Keba controller
- Oil level monitoring
- Injection hold changeover by time, distance or pressure
- Control of barrel throat temperature via the Keba controller
- Semi-auto start button on a flying lead with magnetic base
- European linear transducers
- European seals
- European hydraulic valves
- European switchgear
- Back pressure controlled by proportional valve
- Water manifold with 6 circuits
- 2 x air-blast circuits fitted with pneumatic valves fitted
- Double core pull
- Euromap 67 interface
- 2 x UK style 13 amp sockets
- Industry 4.0 ready
- Ejector safety circuit
- Oil preheating circuit
- Servo motor energy saving pump system
- CE certification
- Anti-vibration mounts
- Spares package
- Tool kit & mould clamps
- 3 x auxillary three phase sockets.

OPTIONAL FEATURES

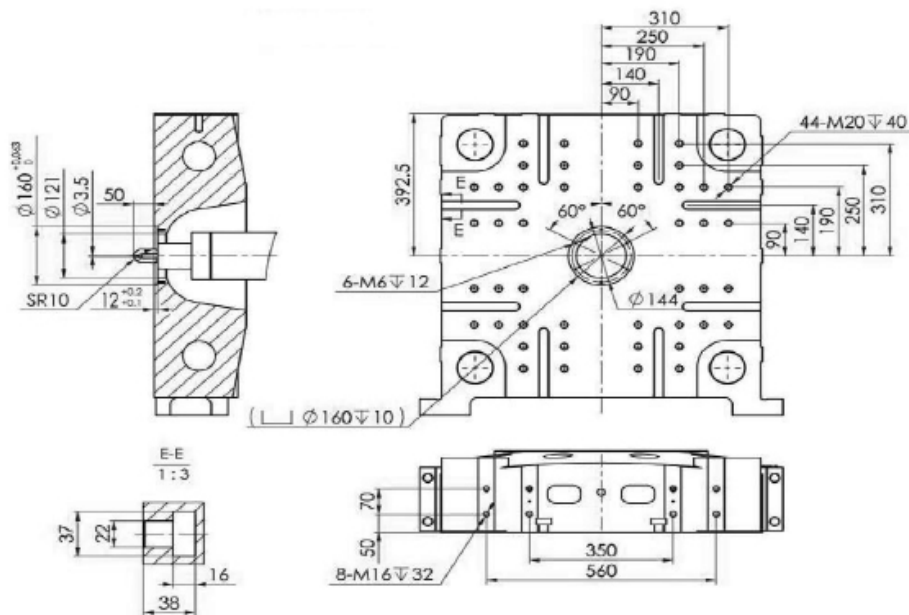
- Increased clamping force
- Increased / Decreased mould height
- Hydraulic or pneumatic valve gate control
- Integral hot runner control
- Bi-metallic plasticising units
- Infrared heater bands
- Electric screw drive (220t - 700t)
- Screw designs for PET, PA, PC, PMMA, TPU, UPVC.
- Accumulator injection
- Liquid silicone rubber conversion
- Robots & Anciliaries

INJECTION UNIT		420/1600			604/1600			895/1600		
		A	B	C	A	B	C	A	B	C
Screw diameter	mm	35	43	48	43	48	53	48	53	60
Shot volume	cm ³	163.6	246.8	307.6	297.7	370.9	452.3	425.2	518	664
Shot weight (PS)	g	150.5	227.1	283	273.9	341.2	416.1	391.2	476.9	610.9
Injection pressure	MPa	256.9	170	136.7	203	162.9	133.6	210.7	172.8	134.8
Screw L:D ratio		24:1	20:1	20:1	22.3:1	20:1	20:1	22:1	20:1	20:1
Injection rate	cm ³ /s	130	196	245	154	192	234	149	182	233
Max. injection speed	mm/s		149			117			90.4	
Screw stroke	mm		170			205			235	
Screw speed (stepless)	r/min		0 ~ 337			0 ~ 295			0 ~ 196	
CLAMPING UNIT										
Clamping force	kN				1600					
Platen size	mm				770 x 770					
Distance between tie-bars	mm				530 x 530					
Mould thickness (min-max)	mm				180 - 550					
Opening stroke	mm				490					
Max. daylight	mm				1040					
Ejector force	kN				49					
Ejector stroke	mm				150					
Ejector number	PCS				5					
ELECTRICAL & HYDRAULIC UNITS										
Hydraulic system pressure	MPa				17.5					
Oil pump motor	kW				23					
Heating capacity	kW	9 / 10.1			10.9 / 12.1			14.4 / 16.8		
Number of temp control zones	kW	4			4			5		
GENERAL										
Dry cycle time	s				2.7					
Oil tank capacity	L				255					
Machine dimensions (LxWxH)	mm				5760 x 1820 x 2090					
Max. mould weight - moving	kg				1053					
Max. mould weight - fixed	kg				527					
Machine weight	kg				5800					

MOVING PLATEN DRAWINGS



FIXED PLATEN DRAWINGS



MACHINE DIMENSIONS

